

IN THE CLAIMS:

Please amend the claims as follows:

1. (currently amended) A control system, comprising:

means for setting up a short distance second data transmission connection to a wireless communication device when said wireless communication device is within said short distance, the second data transmission connection being arranged for transmitting at least an identification message to said wireless communication device, the identification message containing data for identifying said control system,

means for receiving a control message as a response to said identification message via a communication channel from a mobile communication network, wherein said mobile communication network is arranged to set up a wireless first data transmission connection to said wireless communication device for the transmission of said control message, and wherein said mobile communication network comprises authentication means for identifying said wireless communication device and allowing or preventing the transmission of said control message, and

processing means at least for interpreting said control message transmitted from said wireless communication device and received via [[a]] said communication channel from said mobile communication network, the control message comprising at least data for controlling the control system in a desired manner.

2. (previously presented) The control system according to claim 1, wherein the authentication means are also arranged for adding data identifying the wireless communication device in the control message.

3. (previously presented) The control system according to claim 1, wherein the control message contains at least the telephone number of the wireless communication device that sent said control message, to identify said wireless communication device.

4. (previously presented) The control system according to claim 1, wherein the control message contains at least data for identifying the control system for the transmission of the control message.

5. (previously presented) The control system according to claim 1, further comprising memory means for storing at least one acceptable key code, and wherein, in case the received control message contains a key code, the processing means are arranged to compare the key code of the control message with said at least one acceptable key code, to allow or prevent the control.

6. (previously presented) The control system according to claim 1, further comprising memory means for storing at least one acceptable key code,
wherein, as a response to the control message, the processing means are arranged to transmit an acknowledgement message via a communication channel to the mobile communication network to be transmitted to the wireless communication device, the acknowledgement message comprising data on said at least one acceptable key code to be supplemented with a new control message to be transmitted from said wireless communication device, and
wherein said new control message is arranged to be received via said second data transmission connection.

7. (previously presented) The control system according to claim 1, wherein said means are arranged to receive a key message transmitted from a server via a communication

channel, the key message containing data on an acceptable key code for its storage in the control system for comparison.

8. (previously presented) The control system according to claim 1, wherein a key message is arranged to be transmitted from a server via the mobile communication network to a wireless communication device, the key message containing data on an acceptable key code for storing it in said wireless communication device and adding it in the control message transmitted by said wireless communication device.

9. (previously presented) The control system according to claim 5, wherein the key code contains at least data identifying the wireless communication device that transmitted the control message.

10. (previously presented) The control system according to claim 5, wherein the key code contains at least the telephone number of the wireless communication device that transmitted the control message.

11. (previously presented) The control system according to claim 1 further comprising control means for controlling the operation of the control system on the basis of the control message.

12. (previously presented) The control system according to claim 1, wherein for setting up a communication channel to the mobile communication network, the control system further comprises means for setting up a wireless third data transmission connection to the mobile communication network.

13. (previously presented) The control system according to claim 1, wherein at least some of the messages are SMS messages to be transmitted in the mobile communication network.

14. (previously presented) A wireless communication device for controlling a control system, comprising:

means for setting up a wireless first data transmission connection to a mobile communication network, the wireless first data transmission connection being arranged for transmitting and receiving messages,

means for setting up a short distance wireless second data transmission connection, the second data transmission connection being arranged at least for receiving messages,

control means for generating messages to be transmitted and for interpreting received messages, and

memory means for storing the messages,

wherein said means are arranged for receiving an identification message via the second data transmission connection from the control system when the control system is within said short distance, the identification message containing data for identifying said control system, and

wherein said means are arranged for transmitting a control message as a response to said identification message via the wireless first data transmission connection to said control system, the control message containing data for controlling said control system in a desired manner, and

wherein said mobile communication network comprises authentication means for identifying said wireless communication device and allowing or preventing the transmission of the control message.

15. (previously presented) The wireless communication device according to claim 14, wherein said means are also arranged for receiving a key message via the mobile communication network, the key message containing data on an acceptable key code for adding it in the control message transmitted by the wireless communication device, and wherein said memory are arranged for storing said acceptable key code.

16. (previously presented) A control system, comprising:

means for setting up a short distance wireless second data transmission connection to a wireless communication device when said wireless communication device is within said short distance, the wireless second data transmission connection being arranged at least for receiving a control message, the control message containing at least data for controlling the control system in a desired manner,

means for receiving messages via a communication channel from a mobile communication network which is arranged for setting up a wireless first data transmission connection to said wireless communication device for the transmission of said messages,

processing means for interpreting the control message transmitted from said wireless communication device and received via the wireless second data transmission connection,

wherein, as a response to said control message, the processing means are arranged to transmit an acknowledgement message via a communication channel to the mobile communication network and to the wireless communication device, the acknowledgement message containing data on an acceptable key code to be added to a new control message to be transmitted from said wireless communication device, and

wherein said new control message is arranged to be received via the wireless second data transmission connection.

17. (previously presented) The control system according to claim 16, wherein the processing means are also arranged for interpreting a control message received via the communication channel from the mobile communication network.

18. (previously presented) The control system according to claim 17, wherein said mobile communication network further comprises authentication means for identifying said wireless communication device and for allowing or preventing the transmission of the control message, and wherein the authentication means are also arranged for adding data identifying said wireless communication device into the control message to be transmitted.

19. (previously presented) The control system according to claim 16, wherein the control message contains at least the telephone number of the wireless communication device that transmitted the control message, to identify said wireless communication device.

20. (previously presented) The control system according to claim 16, further comprising memory means for storing at least one acceptable key code, and wherein, in case the received control message also contains a key code, the processing means are arranged to compare the key code of the received control message with said at least one acceptable key code, to allow or prevent the control.

21. (previously presented) The control system according to claim 17, further comprising memory means for storing at least one acceptable key code.

22. (previously presented) The control system according to claim 17, wherein said means are arranged also for receiving a key message transmitted from a server via a

communication channel, the key message containing data on an acceptable key code for storing it in the control system for comparison.

23. (previously presented) The control system according to claim 17, wherein a key message is arranged to be transmitted from a server via the mobile communication network to the wireless communication device, the key message containing data on an acceptable key code for storing it in said wireless communication device.

24. (previously presented) The control system according to claim 22, wherein the server further comprises memory means for storing the acceptable key code, for storing data identifying the control system to be controlled by the acceptable key code, and for storing data identifying the wireless communication device entitled to the acceptable key code.

25. (previously presented) The control system according to claim 17, wherein, as a response to the control message transmitted by the wireless communication device, the processing means are arranged to transmit a message to said wireless communication device regarding the transmission of a new control message via the wireless second data transmission connection, the new control message containing at least an acceptable password.

26. (previously presented) The control system according to claim 17,
wherein, as a response to the control message, the processing means are arranged to transmit a key message via the mobile communication network to the wireless communication device, the key message containing data on an acceptable key code to be added to a new control message to be transmitted from said wireless communication device, and

wherein said new control message is arranged to be received via the wireless second data transmission connection,

27. (previously presented) The control system according to claim 17, wherein, as a response to the control message transmitted by the wireless communication device, the control system is arranged to transmit a key message via the mobile communication network to another wireless communication device, the key message containing data on an acceptable key code.

28. (previously presented) The control system according to claim 20, wherein the key code contains at least data identifying the wireless communication device that transmitted the control message.

29. (previously presented) The control system according to claim 20, wherein the key code contains at least the telephone number of the wireless communication device that transmitted the control message.

30. (previously presented) The control system according to claim 16, further comprising control means for controlling the operation of the control system on the basis of the control message.

31. (previously presented) A wireless communication device for controlling a control system, comprising:

means for setting up a wireless first data transmission connection to a mobile communication network, the wireless first data transmission connection being arranged for the transmission and reception of messages,

means for setting up a short distance wireless second data transmission connection which is arranged at least for receiving messages,

control means for generating messages to be transmitted and for interpreting received messages, and

memory means for storing messages,

wherein said means are arranged for transmitting a control message via the second data transmission connection to the control system when the control system is within said short distance, the control message containing data for controlling said control system in a desired manner, and

wherein said means are also arranged for receiving, as a response to said control message, a key message via the mobile communication network, the key message containing data on an acceptable key code for adding the key code to a new control message to be transmitted by the wireless communication device via the second data transmission connection to the control system.

32. (previously presented) The wireless communication device according to claim 31, wherein said memory means are arranged for storing said acceptable key code.

33. (previously presented) The wireless communication device according to claim 31, wherein said means are also arranged for transmitting a key message via the mobile communication network to another wireless communication device, the key message containing data on an acceptable key code.

34. (previously presented) The wireless communication device according to claim 32, wherein said means are also arranged for transmitting a key message via the mobile communication network to another wireless communication device, the key message containing data on an acceptable key code.

35. (previously presented) The control system according to claim 2, wherein the control message contains at least the telephone number of the wireless communication device that sent said control message, to identify said wireless communication device.

36. (previously presented) The control system according to claim 5, wherein said means are arranged to receive a key message transmitted from a server via a communication channel, the key message containing data on an acceptable key code for its storage in the control system for comparison.

37. (previously presented) The control system according to claim 6, wherein said means are arranged to receive a key message transmitted from a server via a communication channel, the key message containing data on an acceptable key code for its storage in the control system for comparison.

38. (previously presented) The control system according to claim 6, wherein a key message is arranged to be transmitted from a server via the mobile communication network to a wireless communication device, the key message containing data on an acceptable key code for storing it in said wireless communication device and adding it in the control message transmitted by said wireless communication device.

39. (previously presented) The control system according to claim 36, wherein a key message is arranged to be transmitted from a server via the mobile communication network to a wireless communication device, the key message containing data on an acceptable key code for storing it in said wireless communication device and adding it in the control message transmitted by said wireless communication device.

40. (previously presented) The control system according to claim 37, wherein a key message is arranged to be transmitted from a server via the mobile communication network to a wireless communication device, the key message containing data on an acceptable key code for storing it in said wireless communication device and adding it in the control message transmitted by said wireless communication device.

41. (previously presented) The control system according to claim 8, wherein at least some of the messages are SMS messages to be transmitted in the mobile communication network.

42. (previously presented) The control system according to claim 18, wherein the control message contains at least the telephone number of the wireless communication device that transmitted the control message, to identify said wireless communication device.

43. (previously presented) The control system according to claim 22, wherein a key message is arranged to be transmitted from the server via the mobile communication network to the wireless communication device, the key message containing data on the acceptable key code for storing it in said wireless communication device.

44. (previously presented) The control system according to claim 23, wherein the server further comprises memory means for storing the acceptable key code, for storing data identifying the control system to be controlled by the acceptable key code, and for storing data identifying the wireless communication device entitled to the acceptable key code.

45. (previously presented) The control system according to claim 28, wherein the key code contains at least the telephone number of the wireless communication device that transmitted the control message.

46. (new) The control system according to claim 1, wherein said means for setting up the short distance second data transmission connection to the wireless communication device when said wireless communication device is within said short distance comprise an infrared transmitter.

47. (new) The wireless communication device according to claim 14, wherein said means for setting up the short distance wireless second data transmission connection comprise an infrared receiver.

48. (new) The control system according to claim 16, wherein said means for setting up the short distance wireless second data transmission connection to the wireless communication device when said wireless communication device is within said short distance comprise an infrared receiver.

49. (new) The wireless communication device according to claim 31, wherein said means for setting up the wireless first data transmission connection to the mobile communication network comprise an infrared transmitter.